

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the present application.

LISTING OF CLAIMS:

1. (Currently Amended) An initial solids coating mixture ~~for a later organic coating, the initial solids mixture~~ comprising:

an aqueous or water containing organic ~~coating solution with~~ adhesive agent; and electrically conductive additive particles, ~~the additive particles~~ including at least one of boron carbide, silicon carbide, a conductive oxide, silicide, carbide of transitional elements, boride of transitional elements and lanthanides,

wherein an electrical conductivity of the additive particles is in the metallic range, and wherein the additive particles are configured to have a continuous physical connection in at least one spatial direction.

Claim 2. (Canceled).

3. (Currently Amended) The initial solids coating mixture according to claim 1, wherein the transitional elements and lanthanides form one of mixed oxides, silicides, carbides and borides.

4. (Currently Amended) The initial solids coating mixture according to claim 1, wherein the electrical conductivity is in a range of $\sigma > 10^2 \text{ l}/\Omega \text{ cm}$ to $\sigma < 10^7 \text{ l}/\Omega \text{ cm}$.

5. (Currently Amended) The initial solids coating mixture according to claim 1, wherein the transitional elements include at least one of iron, manganese, zirconium, titanium, molybdenum, vanadium and tungsten.

6. (Currently Amended) The initial solids coating mixture according to claim 1, wherein the transitional elements and lanthanides show a mixture of various oxidation states.

7. (Currently Amended) The initial solids coating mixture according to claim 1, wherein the lanthanide includes cerium.

Claim 8. (Canceled).

9. (Currently Amended) The initial solids coating mixture according to claim 1, further comprising a non-noble metal in an elemental state.

10. (Currently Amended) The initial solids coating mixture according to claim 9, wherein the non-noble metal includes at least one of zinc and aluminum.

Claims 11 to 23. (Canceled).

24. (Currently Amended) The initial solids coating mixture according to claim 1 [[2]], wherein the proportion of adhesive agent to additive particles is in a range of 1:2.

25. (Currently Amended) The initial solids coating mixture according to claim 1 [[2]], wherein the proportion of adhesive agent to additive particles is in a range of 1:3.

26. (Currently Amended) The initial solids coating mixture according to claim 1 [[2]], wherein the aqueous or water containing organic ~~coating solution~~ adhesive agent further comprises hexamethylenetetramine.